

### **ABSTRACT OF THE DISCCLOSURE**

The semiconductor pressure sensor includes a substrate (20). The sensor includes a diaphragm (26) implemented in the substrate (26) and being displaceable by a pressure medium acting on a side of the substrate (26). The sensor includes sensor circuitry (22, 23) implemented on the opposite side of the substrate in coincidence with the diaphragm (26) for detecting displacement of the diaphragm (26) for pressure.